

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|---|------------------|
| 1 | 5 | 346/136 and ((driv\$4 adj roll\$4) with retract\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 11:49 |
| 2 | 899 | 346/136 and (retract\$5 near\$2 roll\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 10:25 |
| 3 | 1 | 346/136 and (retract\$5 near\$2 roll\$5) and (lead\$4 adj edge\$2 adj clamp\$2) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 10:27 |
| 4 | 74 | 346/136 and (retract\$5 with roll\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 10:27 |
| 5 | 13 | 346/136 and (retract\$5 with roll\$5) and clamp\$2 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 10:33 |
| 6 | 31 | 346/138 and ((retract\$5 or movable) with roll\$5) and clamp\$2 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 11:07 |
| 7 | 28 | (346/138 and ((retract\$5 or movable) with roll\$5) and clamp\$2) not (346/136 and (retract\$5 with roll\$5) and clamp\$2) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 10:52 |
| 8 | 0 | ("405147284").PN. | USPAT; US-PGPUB | 2003/02/21 10:52 |
| 9 | 0 | "405146284" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 10:53 |
| 10 | 0 | "45146284" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 10:53 |
| 11 | 15 | "5146284" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 10:53 |
| 12 | 37 | 346/136 and ((retract\$5 or movable) with roll\$5) and clamp\$2 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 11:08 |
| 13 | 24 | (346/136 and ((retract\$5 or movable) with roll\$5) and clamp\$2) not (346/136 and (retract\$5 with roll\$5) and clamp\$2) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 11:08 |
| 14 | 21 | ((346/136 and ((retract\$5 or movable) with roll\$5) and clamp\$2) not (346/136 and (retract\$5 with roll\$5) and clamp\$2)) not (346/138 and ((retract\$5 or movable) with roll\$5) and clamp\$2) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 11:08 |

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| 15 | 0 | 346/138 and ((driv\$4 adj roll\$4) with retract\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 11:50 |
| 16 | 36 | 346/138 and ((driv\$4 adj roll\$4) with (retract\$5 or mov\$5)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 11:59 |
| 17 | 34 | (346/138 and ((driv\$4 adj roll\$4) with (retract\$5 or mov\$5))) not (346/136 and (retract\$5 with roll\$5) and clamp\$2) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 11:51 |
| 18 | 30 | ((346/138 and ((driv\$4 adj roll\$4) with (retract\$5 or mov\$5))) not (346/136 and (retract\$5 with roll\$5) and clamp\$2)) not (346/138 and ((retract\$5 or movable) with roll\$5) and clamp\$2) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 11:51 |
| 19 | 30 | ((346/138 and ((driv\$4 adj roll\$4) with (retract\$5 or mov\$5))) not (346/136 and (retract\$5 with roll\$5) and clamp\$2)) not (346/138 and ((retract\$5 or movable) with roll\$5) and clamp\$2)) not (346/136 and ((retract\$5 or movable) with roll\$5) and clamp\$2) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 11:52 |
| 20 | 254 | 346/136 and (((feed\$4 or driv\$4) adj roll\$4) with (retract\$5 or mov\$5)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/21 12:00 |
| - | 296 | 400/605.ccls. | USPAT; US-PGPUB | 2003/02/21 10:22 |
| - | 225 | 400/605.ccls. and print\$4 | USPAT; US-PGPUB | 2002/08/13 12:11 |
| - | 219 | 400/605.ccls. and print\$4 and roll\$3 | USPAT; US-PGPUB | 2003/02/07 17:47 |
| - | 43 | 400/605.ccls. and print\$4 and roll\$3 and internal | USPAT; US-PGPUB | 2002/08/14 18:30 |
| - | 17 | 400/605.ccls. and print\$4 and roll\$3 and (media adj feed\$4) | USPAT; US-PGPUB | 2002/08/01 11:21 |
| - | 21 | 400/605.ccls. and print\$4 and roll\$3 and ((media adj feed\$4) or (media adj supply\$4)) | USPAT; US-PGPUB | 2002/08/01 11:22 |
| - | 18 | (400/605.ccls. and print\$4 and roll\$3 and ((media adj feed\$4) or (media adj supply\$4))) not (400/605.ccls. and print\$4 and roll\$3 and internal) | USPAT; US-PGPUB | 2002/08/01 11:22 |
| - | 517 | 347/104.ccls. | USPAT; US-PGPUB | 2003/02/07 17:50 |
| - | 495 | 347/104.ccls. and print\$4 | USPAT; US-PGPUB | 2002/08/16 13:11 |
| - | 469 | 347/104.ccls. and print\$4 and roll\$3 | USPAT; US-PGPUB | 2003/02/20 15:58 |
| - | 109 | 347/104.ccls. and print\$4 and roll\$3 and internal | USPAT; US-PGPUB | 2003/02/07 17:52 |
| - | 44 | 400/605.ccls. and print\$4 and roll\$3 and internal | USPAT; US-PGPUB | 2002/08/13 12:15 |
| - | 102 | (347/104.ccls. and print\$4 and roll\$3 and internal) not (400/605.ccls. and print\$4 and roll\$3 and internal) | USPAT; US-PGPUB | 2002/08/13 12:15 |
| - | 2 | 347/104.ccls. and (internal adj roll\$3) | USPAT; US-PGPUB | 2002/08/13 12:54 |
| - | 607 | 347/105.ccls. | USPAT; US-PGPUB | 2002/08/13 13:06 |
| - | 597 | 347/105.ccls. and print\$4 | USPAT; US-PGPUB | 2002/08/13 13:06 |
| - | 98 | 347/105.ccls. and print\$4 and roll\$3 and internal | USPAT; US-PGPUB | 2002/08/13 13:07 |

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| - | 96 | (347/105.ccls. and print\$4 and roll\$3 and internal) not (347/104.ccls. and print\$4 and roll\$3 and internal) | USPAT; US-PGPUB | 2002/08/14 18:30 |
| - | 89 | print\$4 and (internal same ((media or paper) near3 roll\$4)) and rotary | USPAT; US-PGPUB | 2002/08/14 18:29 |
| - | 427 | print\$4 and (internal same ((media or paper) near3 roll\$4)) | USPAT; US-PGPUB | 2002/08/14 18:29 |
| - | 109 | 347/104.ccls. and print\$4 and roll\$3 and internal | USPAT; US-PGPUB | 2002/08/14 18:30 |
| - | 87 | (print\$4 and (internal same ((media or paper) near3 roll\$4)) and rotary) not (347/104.ccls. and print\$4 and roll\$3 and internal) | USPAT; US-PGPUB | 2002/08/15 09:47 |
| - | 96 | (347/105.ccls. and print\$4 and roll\$3 and internal) not (347/104.ccls. and print\$4 and roll\$3 and internal) | USPAT; US-PGPUB | 2002/08/14 18:30 |
| - | 86 | ((print\$4 and (internal same ((media or paper) near3 roll\$4)) and rotary) not (347/104.ccls. and print\$4 and roll\$3 and internal)) not ((347/105.ccls. and print\$4 and roll\$3 and internal) not (347/104.ccls. and print\$4 and roll\$3 and internal)) | USPAT; US-PGPUB | 2002/08/14 18:30 |
| - | 44 | 400/605.ccls. and print\$4 and roll\$3 and internal | USPAT; US-PGPUB | 2002/08/14 18:30 |
| - | 85 | ((print\$4 and (internal same ((media or paper) near3 roll\$4)) and rotary) not (347/104.ccls. and print\$4 and roll\$3 and internal)) not ((347/105.ccls. and print\$4 and roll\$3 and internal) not (347/104.ccls. and print\$4 and roll\$3 and internal))) not (400/605.ccls. and print\$4 and roll\$3 and internal) | USPAT; US-PGPUB | 2002/08/14 18:31 |
| - | 145 | 347/104.ccls. | EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 09:48 |
| - | 68 | 347/104.ccls. and print\$4 | EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 09:48 |
| - | 39 | 347/104.ccls. and print\$4 and roll\$4 | EPO; JPO; DERWENT; IBM_TDB | 2002/08/15 12:01 |
| - | 1 | ("4725857").PN. | USPAT; US-PGPUB | 2002/08/15 12:34 |
| - | 1 | ("6050683").PN. | USPAT; US-PGPUB | 2002/08/15 12:34 |
| - | 52 | 347/104.ccls. and print\$4 and drum\$2 and cut\$4 | USPAT; US-PGPUB | 2002/08/15 12:38 |
| - | 109 | 347/104.ccls. and print\$4 and roll\$3 and internal | USPAT; US-PGPUB | 2002/08/15 12:38 |
| - | 34 | (347/104.ccls. and print\$4 and drum\$2 and cut\$4) not (347/104.ccls. and print\$4 and roll\$3 and internal) | USPAT; US-PGPUB | 2002/08/15 14:17 |
| - | 3 | 347/\$.ccls. and print\$4 and (drum\$2 same cut\$4 same notch\$3) | USPAT; US-PGPUB | 2002/08/15 14:22 |
| - | 104 | print\$4 and (rotary same drum\$2) and (cut\$4 same notch\$3) | USPAT; US-PGPUB | 2002/08/15 16:29 |
| - | 16 | print\$4 and (rotary same drum\$2 same cut\$4 same notch\$3) | USPAT; US-PGPUB | 2002/08/15 14:24 |
| - | 81 | 347/\$.ccls. and print\$4 and (rotat\$4 same cut\$4 same wheel\$2) | USPAT; US-PGPUB | 2002/08/15 16:31 |
| - | 9 | 347/\$.ccls. and print\$4 and (rotat\$4 same cut\$4 same wheel\$2 same retract\$5) | USPAT; US-PGPUB | 2002/08/15 16:35 |
| - | 1 | 347/\$.ccls. and print\$4 and (rotat\$4 same cut\$4 same wheel\$2 same notch\$3) | USPAT; US-PGPUB | 2002/08/15 16:37 |
| - | 96 | 347/\$.ccls. and print\$4 and rotat\$4 and cut\$4 and wheel\$2 and notch\$3 | USPAT; US-PGPUB | 2002/08/15 16:37 |
| - | 23 | 347/\$.ccls. and print\$4 and rotat\$4 and cut\$4 and wheel\$2 and notch\$3 and retract\$5 | USPAT; US-PGPUB | 2002/08/15 16:39 |

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| - | 22 | (347/\$.ccls. and print\$4 and rotat\$4 and cut\$4 and wheel\$2 and notch\$3 and retract\$5) not (347/\$.ccls. and print\$4 and (rotat\$4 same cut\$4 same wheel\$2 same notch\$3)) | USPAT; US-PGPUB | 2002/08/15 16:38 |
| - | 12 | 347/\$.ccls. and print\$4 and rotat\$4 and wheel\$2 and (cut\$4 same notch\$3) | USPAT; US-PGPUB | 2002/08/15 16:46 |
| - | 24 | 347/\$.ccls. and (cut\$4 adj notch\$3) | USPAT; US-PGPUB | 2002/08/15 16:47 |
| - | 23 | (347/\$.ccls. and (cut\$4 adj notch\$3)) not (347/\$.ccls. and print\$4 and rotat\$4 and wheel\$2 and (cut\$4 same notch\$3)) | USPAT; US-PGPUB | 2002/08/15 17:09 |
| - | 919 | 400/621 | USPAT; US-PGPUB | 2002/08/16 12:00 |
| - | 493 | 400/621 and print\$4 | USPAT; US-PGPUB | 2002/08/16 12:00 |
| - | 442 | 400/621 and print\$4 and cut\$4 | USPAT; US-PGPUB | 2002/08/16 12:08 |
| - | 28 | 400/621 and print\$4 and (cut\$4 same notch\$3) | USPAT; US-PGPUB | 2002/08/15 17:46 |
| - | 1 | ("6050683").PN. | USPAT; US-PGPUB | 2002/08/15 17:46 |
| - | 59 | 400/621 and print\$4 and cut\$4 and drum\$2 | USPAT; US-PGPUB | 2002/08/16 11:54 |
| - | 53 | 347/\$.ccls. and (((page adj width) or pagewidth) near4 carriage) | USPAT; US-PGPUB | 2002/08/16 11:55 |
| - | 445 | 400/621 | EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 12:00 |
| - | 338 | 400/621 and print\$4 | EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 12:00 |
| - | 318 | 400/621 and print\$4 and cut\$4 | EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 12:01 |
| - | 4 | 400/621 and print\$4 and cut\$4 and drum\$3 | EPO; JPO; DERWENT; IBM_TDB | 2002/08/19 11:53 |
| - | 4 | 400/621 and print\$4 and cut\$4 and notch\$3 | EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 12:05 |
| - | 4 | (400/621 and print\$4 and cut\$4 and notch\$3) not (400/621 and print\$4 and cut\$4 and drum\$3) | EPO; JPO; DERWENT; IBM_TDB | 2002/08/16 12:05 |
| - | 115 | 400/621 and print\$4 and cut\$4 and retract\$4 | USPAT; US-PGPUB | 2002/08/16 12:09 |
| - | 75 | 400/621 and print\$4 and (cut\$4 same retract\$4) | USPAT; US-PGPUB | 2002/08/16 12:09 |
| - | 3 | 400/621 and print\$4 and (cut\$4 same (retract\$4 adj blade)) | USPAT; US-PGPUB | 2002/08/16 12:12 |
| - | 296 | 347/104.ccls. and (feed same roller) | USPAT; US-PGPUB | 2002/08/16 13:13 |
| - | 22 | 347/104.ccls. and (feed same roller\$2 same retract\$3) and print\$4 | USPAT; US-PGPUB | 2002/08/16 13:20 |
| - | 10 | 347/104.ccls. and (print\$4 adj format\$3) | USPAT; US-PGPUB | 2002/08/16 14:00 |
| - | 1 | ("6299283").PN. | USPAT; US-PGPUB | 2002/08/16 14:00 |
| - | 1 | ("6050683").PN. | USPAT; US-PGPUB | 2002/08/19 09:07 |
| - | 3 | 347/\$.ccls. and in-feed and roll\$4 and print\$4 | USPAT; US-PGPUB | 2002/08/19 09:09 |
| - | 641 | 347/\$.ccls. and (drive same roll\$4) and print\$4 and retract\$4 | USPAT; US-PGPUB | 2002/08/19 09:10 |
| - | 154 | 347/\$.ccls. and (drive same roll\$4 same print\$4 same retract\$4) | USPAT; US-PGPUB | 2002/08/19 09:11 |
| - | 122 | 347/\$.ccls. and (drive adj roll\$4 same print\$4 same retract\$4) | USPAT; US-PGPUB | 2002/08/19 09:14 |
| - | 122 | 347/\$.ccls. and ((drive adj roll\$4) same print\$4 same retract\$4) | USPAT; US-PGPUB | 2002/08/19 09:21 |

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| - | 2 | 347/\$.ccls. and ((drive adj roll\$4) same print\$4 same retract\$4) and (lead adj edge) | USPAT; US-PGPUB | 2002/08/19 09:19 |
| - | 11 | 347/\$.ccls. and ((retract\$4 adj roll\$4) same print\$4) | USPAT; US-PGPUB | 2002/08/19 09:21 |
| - | 1 | ("6050683").PN. | USPAT; US-PGPUB | 2002/08/19 11:58 |
| - | 1 | ("5482389").PN. | USPAT; US-PGPUB | 2002/08/19 11:58 |
| - | 1 | ("5019839").PN. | USPAT; US-PGPUB | 2002/08/19 14:12 |
| - | 1 | ("5019839").PN. | USPAT; US-PGPUB | 2002/08/19 14:50 |
| - | 1 | ("4282808").PN. | USPAT; US-PGPUB | 2002/08/19 14:51 |
| - | 6 | ((("3995951") or ("3750573") or ("4703329") or ("5455604") or ("5771054") or ("6048060")).PN. | USPAT; US-PGPUB | 2002/08/20 10:24 |
| - | 788 | 400/605.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/07 17:46 |
| - | 440 | 400/605.ccls. and print\$4 and roll\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/07 17:51 |
| - | 1154 | 347/104 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/07 18:04 |
| - | 913 | 347/104 and print\$4 and roll\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/07 18:04 |
| - | 233 | 347/104 and print\$4 and roll\$3 and internal | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/07 18:00 |
| - | 1122 | 347/105 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/07 17:57 |
| - | 780 | 347/105 and print\$4 and roll\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/07 17:59 |
| - | 162 | 347/105 and print\$4 and roll\$3 and internal | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/07 18:01 |
| - | 0 | 347/621 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/07 18:04 |
| - | 1402 | 400/621 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/07 18:04 |

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| - | 623 | 400/621 and print\$4 and roll\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/02/07 18:05 |
| - | 48 | 347/104.ccls. and print\$4 and (roll\$5 with retract\$5) | USPAT; US-PGPUB | 2003/02/20 15:59 |
| - | 17 | 347/104.ccls. and (print\$4 with (roll\$5 with retract\$5)) | USPAT; US-PGPUB | 2003/02/20 16:00 |